

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

Claims 1-4 (Cancelled)

5. (Currently Amended) A helicopter turbine engine over stress warning system comprising:

a helicopter;

a helicopter turbine engine mounted in said helicopter;

a ~~pilot control stick~~collective and a tactile warning device including a collective shaker operatively connected to said ~~pilot control stick~~collective;

data storage means and means for inputting a safe turbine output temperature profile for startup of the helicopter turbine engine and other safe operating parameters during flight of the helicopter;

means for measuring actual turbine output temperature during startup of the turbine engine and for detecting actual turbine output temperatures and other actual parameters during flight of the helicopter; [[and]]

means to activate said tactile warning device when the actual turbine output temperature during startup ~~exceeds~~falls outside of the safe turbine output temperature profile during startup and when the safe turbine output temperature or other safe operating parameters are exceeded during flight operations to thereby warn a pilot to take corrective action[[.]];

means for increasing the magnitude of the tactile warning when the turbine output temperature reaches its maximum operating temperature; and

means for increasing the frequency of the tactile warning in response to an impending dangerous condition when the impending dangerous condition is imminent.

Claims 6-9 (Cancelled)

10. (Currently Amended) A method for protecting a helicopter ~~according to claim 9~~ of the type having a helicopter turbine engine against "hot-starts" during startup thereof and against other dangerous conditions during flight operations, the method comprising the steps of:

providing a pilots control stick and a tactile warning device operatively connected to the control stick;

providing a safe temperature profile for startup of a helicopter turbine engine and critical parameters for flight operations;

monitoring an actual turbine output temperature of the engine during startups;

activating the tactile warning device when the actual turbine output temperature during startup falls outside of the safe temperature profile and aborting the startup in a response to the tactile warning;

monitoring the actual parameters for the safe operation of a helicopter during flight operations;

activating the tactile warning device at a first preselected magnitude when an actual parameter for a dangerous operation is approached;

increasing the magnitude of the tactile warning when a dangerous condition exists; and

in which the frequency of the tactile warning in response to an impending dangerous condition is increased when the dangerous condition is imminent.